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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/624,597	07/23/2003	Hyung Wook Kim	1670.1011	7615
49455	7590	11/08/2005	EXAMINER	
STEIN, MCEWEN & BUI, LLP 1400 EYE STREET, NW SUITE 300 WASHINGTON, DC 20005			WILLIAMS, JOSEPH L	
			ART UNIT	PAPER NUMBER
			2879	

DATE MAILED: 11/08/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/624,597	Applicant(s) KIM ET AL.	
	Examiner Joseph L. Williams	Art Unit 2879	



-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 7/13/05.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-35 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 19-35 is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>10/22/03</u> . | 6) <input checked="" type="checkbox"/> Other: <u>IDS filed 11/18/04</u> . |

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DETAILED ACTION

Election/Restrictions

1. The restriction requirement of the last Office Action has been withdrawn and all pending claims (1-35) have been examined.

Claim Objections

2. Claims 1 and 8 are objected to because of the following informalities: Both claims contain brackets ([]) around parts of the text. It is not clear to the Examiner what the text inside of the brackets adds to the claims. The brackets and text should be removed. Appropriate correction is required.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 2, 5-7, 16, and 18 are rejected under 35 U.S.C. 102(b) as being anticipated by Yuji et al. (JP2000100560), of record by Applicant.

Regarding claim 1, Yuji ('560) teaches in figure 3 and throughout the detailed description a dual-type organic electroluminescent display (EL) device comprising: a main organic EL display panel having a main substrate (3011) and a main organic EL portion (3031) formed on the main substrate, a sub organic EL display panel having a

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sub substrate (3012) and a sub organic EL portion (3032) formed on the sub substrate, and a sealing member sealing (305) the main substrate and the sub substrate to each other, wherein the main organic EL portion and the sub organic EL portion are hermetically sealed facing each other.

Regarding claim 2, Yuji ('560) teaches a spacer member (305) provided on at least one of facing surfaces of the main and sub organic EL panels, maintaining a gap between the main and sub organic EL display panels and increasing the structural strength thereof.

Regarding claim 5, Yuji ('560) teaches the spacer member is provided on an insulation layer of the main or sub organic EL panel.

Regarding claim 6, Yuji ('560) teaches the spacer member is integrally formed with an insulation layer of the main or sub organic EL panel.

Regarding claim 7, Yuji ('560) teaches the spacer member is one or more projections provided on a substrate in an area where the main or sub organic EL portions are not formed.

Regarding claim 16, Yuji ('560) teaches at least one of the main substrate and the sub substrate is made of a transparent material.

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Regarding claim 18, Yuji ('560) teaches in figure 4 a polarization plate (407) adhered to the outer surface of the sub substrate.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 3 and 4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yuji et al. (JP 2000100560), of record.

Regarding claim 3, Yuji ('560) teaches all of the claimed limitations except for the main organic EL portion being larger than the sub organic EL portion.

However, it is well known in the art that adjusting the size of the organic layer to increase brightness or to fit a particular device is an obvious choice in design.

Hence it would have been obvious to one of ordinary skill in the art at the time the invention was made to adjust the size of the organic layer of Yuji for the purpose of increasing the brightness of the display.

Regarding claim 4, Yuji ('560) teaches the spacer is provided on the sub substrate other than the sub organic EL portion.

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Claims 8-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yuji et al. (JP 2000100560), of record, in view of Park et al. (US 6,744,197).

Regarding claim 8, Yuji ('560) teaches all of the claimed limitations except for the moisture absorbing unit.

Further regarding claim 8, Park ('197) teaches in figure 1 and organic EL display comprised of, in part, an absorbing unit preventing moisture from infiltrating into the main and sub organic EL portions, the absorbing unit provided in a sealed area defined by the sealing member for the purpose of improving the lifetime of the display.

Hence it would have been obvious to one of ordinary skill in the art at the time the invention was made to use the absorbing unit of Park in the display of Yuji for the purpose of improving the lifetime of the display.

Regarding claim 9, Park ('197) teaches the absorbing unit comprises an absorbent in a recess formed in at least one portion of either the main substrate or the sub substrate in the sealed area defined by the sealing member.

The reason for combining is the same as for claim 8 above.

Regarding claim 10, Park ('197) teaches a porous tape preventing outflow of the absorbent, wherein the porous tape is adhered to the substrate having the recess.

The reason for combining is the same as for claim 8 above.

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Regarding claim 11, Park ('197) teaches the absorbing unit is in the shape of a sheet.

The reason for combining is the same as for claim 8 above.

Regarding claim 12, Park ('197) teaches passivation layers covering the main organic EL portion and the sub organic EL portion, wherein the passivation layers are provided on the main substrate and the sub substrate, respectively.

The reason for combining is the same as for claim 8 above.

Regarding claim 13, Park ('197) teaches the absorbent sheet provided between the passivation layers.

The reason for combining is the same as for claim 8 above.

Regarding claim 14, Park ('197) teaches the passivation layers are closely adhered to each other, and sealed by the sealing member at edges of the passivation layers.

The reason for combining is the same as for claim 8 above.

Regarding claim 15, Park ('197) teaches the passivation layers are integrally formed and sealed by the sealing member at edges of the passivation layers.

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The reason for combining is the same as for claim 8 above.

Claim 17 is rejected under 35 U.S.C. 103(a) as being unpatentable over Yuji et al. (JP 2000100560), of record, in view of Kim (KR 2003048230).

Yuji ('560) teaches all of the claimed limitations except for the transparent material being contrast increasing dark tint glass.

Further regarding claim 17, Kim ('230) teaches on organic EL display comprised of, in part, transparent material is contrast increasing dark tint glass for the purpose of increasing the emitted light intensity.

Hence it would have been obvious to one of ordinary skill in the art at the time the invention was made to use the tint glass of Kim in the organic display of Yuji for the purpose of increasing the emitted light intensity.

Allowable Subject Matter

5. Claims 19-35 are allowed.

The following is an examiner's statement of reasons for allowance: Regarding independent claim 19 and 29, the prior art of record neither shows nor suggest a dual organic EL display comprised of, in part, first and second insulation layers defining a light emitting area, along with the main and sub organic EL displays, and the rest of the limitations of the claims.

Due to their dependency, claims 20-28 and 30-35 are necessarily allowable.

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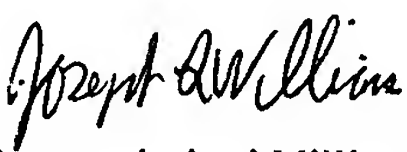
Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joseph L. Williams whose telephone number is (571) 272-2465. The examiner can normally be reached on M-F (6:30 AM-3:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimeshkumar D. Patel can be reached on (571) 272-2457. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Joseph L. Williams
Primary Examiner
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